

FUDD IN ASTRO-BASIC The program for "FUDD" on page 51 is only functional with the Bally-Basic. The program can be changed, in the same way that "FROG" was on page 95, to get it running in Astro-Basic. At the same time, NM and NV can be added to replace &(21) and &(23), respectively, in the program.

The following changes will allow Astro-Basic operation. Some may not be absolutely necessary, but they work.

```
30 V=X;W=Y;Z=KN(1)c30+5
31 X=X+ZbJX(1);Y=Y+ZbJY(1)
32 T=T+1;IF T>RGOTO 80
33 IF (X>75)+(X<-75)+(Y>20)+(Y<-38)X=V;Y=W
60 IF PX(X,Y)S=S+5;CX=I;PRINT S,;NM=F
61 FOR Z=5TO 29STEP 4;BOX X,Y,Z,Z,1
62 BOX X,Y,Z,Z,2;NEXT Z;NM=0;GOTO 10
65 NM=F;T=T+Q;NM=0;GOTO 20
80 S=0;T=Q+BOX 0,-10,160,68,2
81 MU=54;IF TR(1)=0GOTO 80
99 F=255;R=F;Q=12;NV=F;K=10260
```